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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: L. Scott Rich, Ritchard L. Schacher and Daniel Berg

Application No.: 09/824,614

Examiner: N/A

Filed: April 2, 2001

Group Art Unit: N/A

Docket No.: 24,929

Title: METHOD AND APPARATUS FOR EFFICIENTLY REFLECTING COMPLEX
SYSTEMS OF OBJECTS IN XML DOCUMENTSCERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the
U.S. Postal Service on July 10, 2001, in an envelope as First Class Mail, postage
prepaid, addressed to: Commissioner for Patents, Washington, D.C. 20231, **Box Missing
Parts**

Date July 10, 2001Denise Grisack
Denise Grisack

BOX MISSING PARTS
Assistant Commissioner for Patents
Washington, DC 20231

RESPONSE TO NOTICE TO FILE MISSING
PARTS OF NONPROVISIONAL APPLICATION

Sir:

In response to the NOTICE TO FILE MISSING PARTS OF
NONPROVISIONAL APPLICATION, mailed by the Patent Office on May 10,
2001, Applicants enclose herewith:

A combined Declaration and Power of Attorney executed by
L. Scott Rich, Ritchard L. Schacher and Daniel Berg on July 9,
2001.

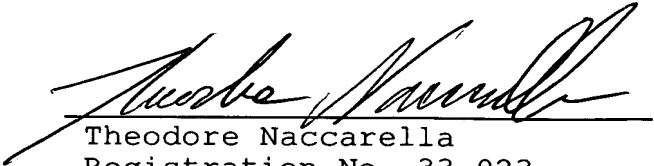
A copy of the Notice To File Missing Parts of
Nonprovisional Application is attached.

Please charge any fees to International Business Machines

Corporation's, Deposit Account No. 09-0461. Copies of this Transmittal Letter are attached in duplicate.

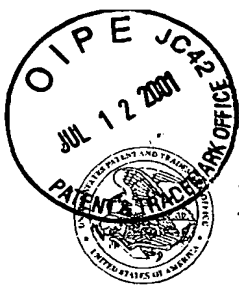
Respectfully submitted,

7.10.01
Date


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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
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WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/824,614	04/02/2001	L. Scott Rich	RSW9-2001-0073-US1

CONFIRMATION NO. 1069

FORMALITIES LETTER



OC000000006062060

Theodore Naccarella
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2600 Aramark Tower
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Philadelphia, PA 19107-2950

Date Mailed: 05/10/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

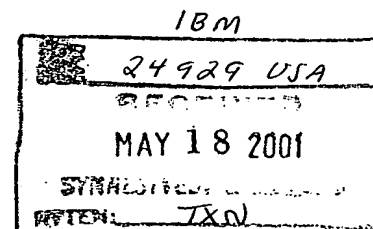
The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

A copy of this notice **MUST** be returned with the reply.

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Initial Patent Examination Division (703) 308-1202

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